OWNER'S MANUAL

COLOR TELEVISION



PHILIPS MAGNAVOX

IMPORTANT!
Return Your Warranty Registration Card Within 10 Days. See Why Inside.

Return your Warranty Registration card today to ensure you receive all the benefits you're entitled to.

Once your PHILIPS MAGNAVOX purchase is registered, you're eligible to receive all the privileges of owning a PHILIPS MAGNAVOX product. So complete and return the Warranty Registration Card enclosed with your purchase at once. And take advantage of these important benefits.

Warranty Verification

Registering your product within 10 days confirms your right to maximum protection under the terms and conditions of your PHILIPS MAGNAVOX warranty.

Owner Confirmation

Your completed Warranty Registration Card serves as verification of ownership in the event of product theft or loss.

Model Registration

Returning your Warranty Registration Card right away guarantees you'll receive all the information and special offers which you qualify for as the owner of your model.



Congratulations on your **purchase,**
and welcome to the **"family!"**

PHILIPS MAGNAVOX

Dear PHILIPS MAGNAVOX product owner:

Thank you for your confidence in PHILIPS MAGNAVOX. You've selected one of the best-built, best-backed products available today. And we'll do everything in our power to keep you happy with your purchase for many years to come.

As a member of the PHILIPS MAGNAVOX "family," you're entitled to protection by one of the most comprehensive warranties and outstanding service networks in the industry.

What's more, your purchase guarantees you'll receive all the information and special offers for which you qualify, plus easy access to accessories from our convenient home shopping network.

And most importantly you can count on our uncompromising commitment to your total satisfaction.

All of this is our way of saying welcome–and thanks for investing in a PHILIPS MAGNAVOX product.

Sincerely,



Robert Minkhorst
President and Chief Executive Officer

P.S. Remember, to get the most from your PHILIPS MAGNAVOX product, you must return your Warranty Registration Card within 10 days. So please mail it to us right now!

Know these **safety** *symbols*

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This "bolt of lightning" indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The "exclamation point" calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot, and fully insert.

ATTENTION: Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

PHILIPS MAGNAVOX *Visit our World Wide Web Site at http://www.philipsmagnavox.com*

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Introduction

Quick Use/Start Up Features

On-Screen (MENU) Features

General Information

Features

Infrared Remote Control works your TV set and all on-screen features.

Standard broadcast (VHF/UHF) or Cable TV (CATV) channel capability.

Closed Captioning allows the viewer to read TV program dialogue or voice conversations as on-screen text.

Automatic Programming of Channels for quick and easy selection of favorite stations available in your area.

On-Screen Features (in either English, French, or Spanish) show helpful messages for setting of TV controls.

Sleep Timer automatically turns the TV OFF at pre-set times.

Clock Timer feature can turn ON the TV at any pre-set time - just like an alarm clock.

NOTE: This owner's manual is used with several different television models. Not all features (and drawings) discussed in this manual will necessarily match those found with your television set. This is normal and does not require you contacting your dealer or requesting service.

SET-UP AND QUICK USE - ANTENNA HOOKUPS

ANTENNA

COMBINATION UHF/VHF

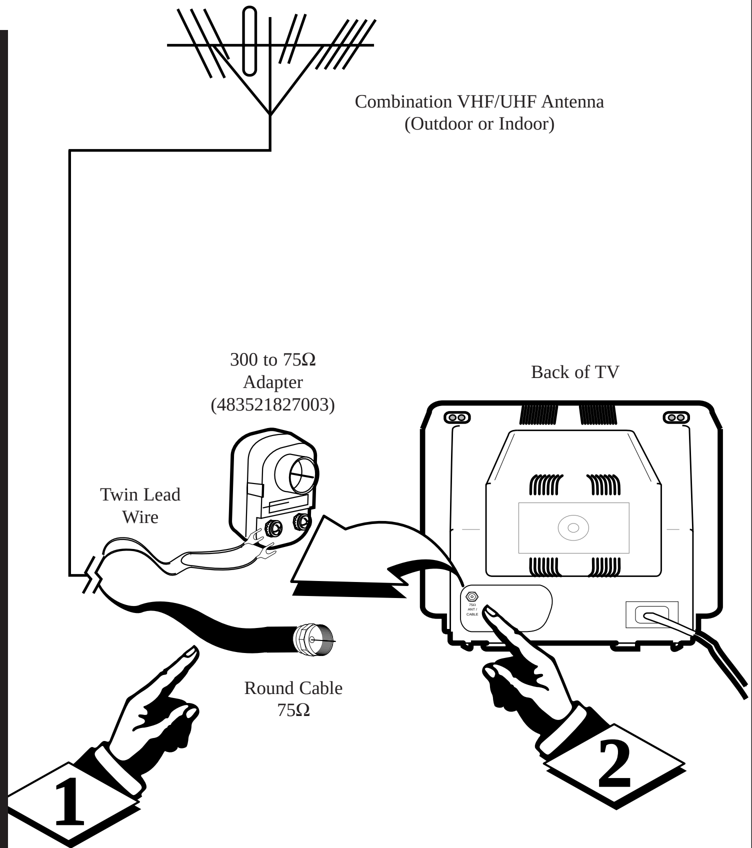
A combination antenna receives normal broadcast channels (VHF 2-13 and UHF 14-69). Your connection is easy since there is only one 75Ω (ohm) antenna plug on the back of your TV - and that's where the antenna goes.

BEGIN

1. **If your antenna has a round cable** (75 ohm) on the end, then you're ready to connect it to the TV. **If your antenna has flat twin-lead wire** (300 ohm), you first need to attach the antenna wires to the screws on a 300 to 75 ohm adapter.

2. **Push the round end** of the adapter (or antenna) onto the ANTENNA/CABLE plug on the rear of the TV. If the round end of the antenna wire is threaded, screw it down tight.

STOP



SEPARATE UHF/VHF

Some of you may have two separate antennas. One antenna is for VHF channels (2-13) and the other antenna is for UHF channels (14-69).

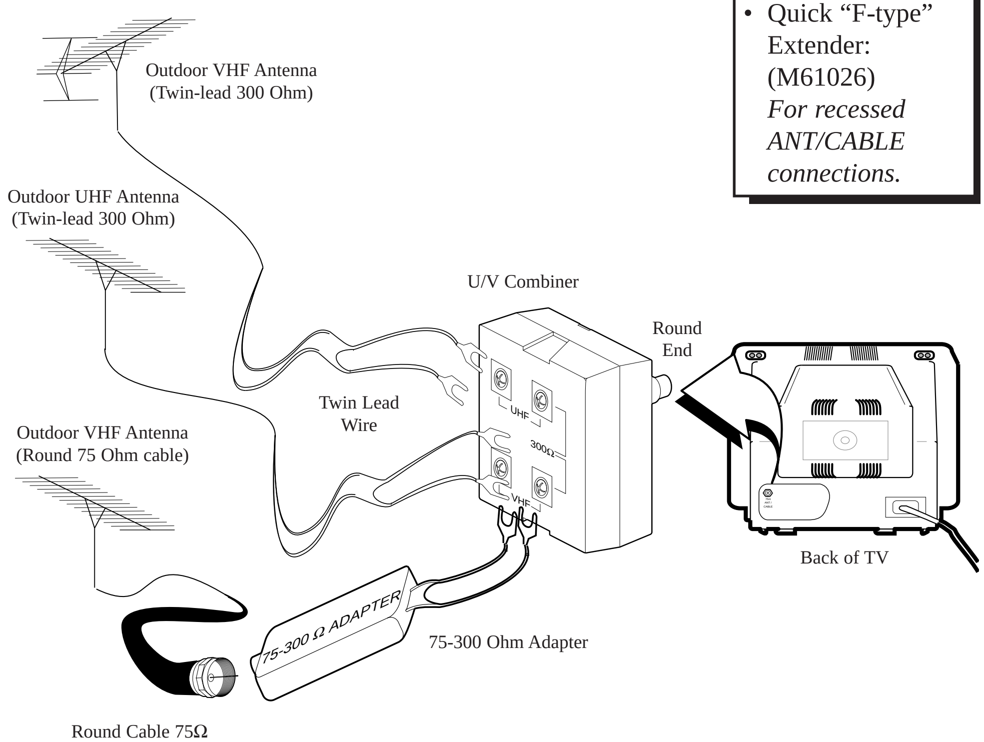
For homes with separate UHF/VHF antennas, you will need an optional "combiner" before you can connect to the TV. See the "Smart Help" section (to the right on this page) for ordering details.

BEGIN

1. **Attach the separate UHF and VHF antennas** to the correct screws on the combiner.

2. **Push the round end** of the combiner onto the ANTENNA/CABLE plug on the rear of the TV.

STOP



SMART HELP

Remember, be sure to set the TV for the type signal you've connected (see page 7.)

To set the TV to select only the channel numbers in your area see how to "Program" or "Add" channels in memory on page 7.

To order any optional accessory contact your dealer or call the toll-free accessory ordering number **(1-800-292-6066)**:

- UHF/VHF Combiner: (SBV1133AO1)
- 75-300 Ohm Adapter: (SBV1113AO1)
- 300-75 Ohm Adapter: (483521827003)
- Quick "F-type" Extender: (M61026) *For recessed ANT/CABLE connections.*

SET-UP AND QUICK USE - CABLE HOOKUPS

CABLE TV

CABLE INPUT/CONVERTER

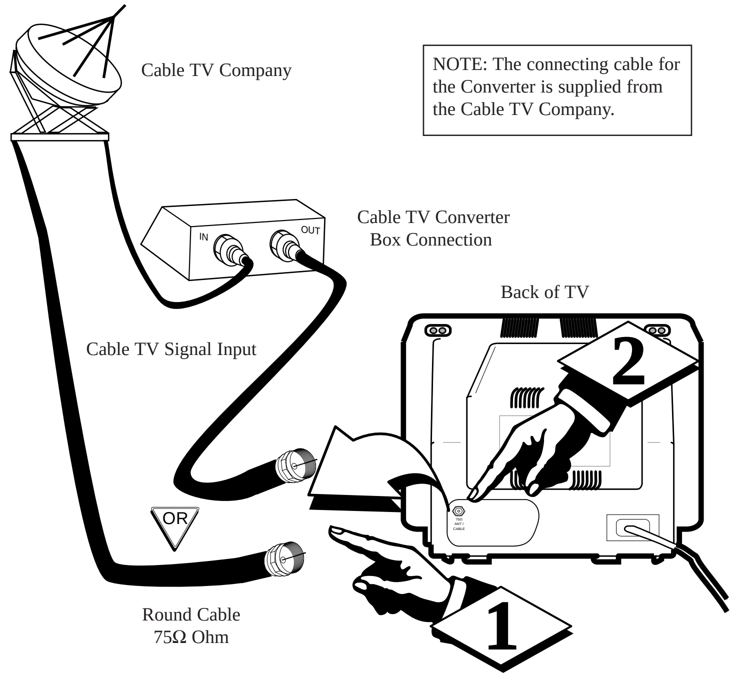
Your home may use a single (75 ohm) cable, or have a Converter Box installation. Connect the threaded end of the cable signal to the TV's antenna plug and screw it down.

BEGIN

1 **If your Cable TV signal is a single round cable** (75 ohm) then you're ready to connect to the TV.
If you have a Cable TV Converter Box: Connect the Cable TV signal to the Cable Signal IN(put) plug on the Converter.

2 **Connect the Cable TV cable** to the ANTENNA/CABLE plug on the TV. **If you have a Cable Converter Box:** Connect the Converter to the ANTENNA/CABLE plug on the TV.

STOP



SMART HELP

Remember, set the TV for the type signal you've just connected (see page 7.)

To select only the channel numbers on your Cable system see “Auto Install" (page 7). If you use a Cable Converter box, set the TV to the same channel as the converter's CH 3/4 switch (on the rear of the converter.)

SET-UP AND QUICK USE - VCR HOOKUP

VCR TO TV

BASIC CONNECTION

The basic Antenna, or Cable TV, to VCR to TV connection is shown to the right. For more information on other hookups refer to your accessory VCR and Cable Converter Owner's Manual for details.

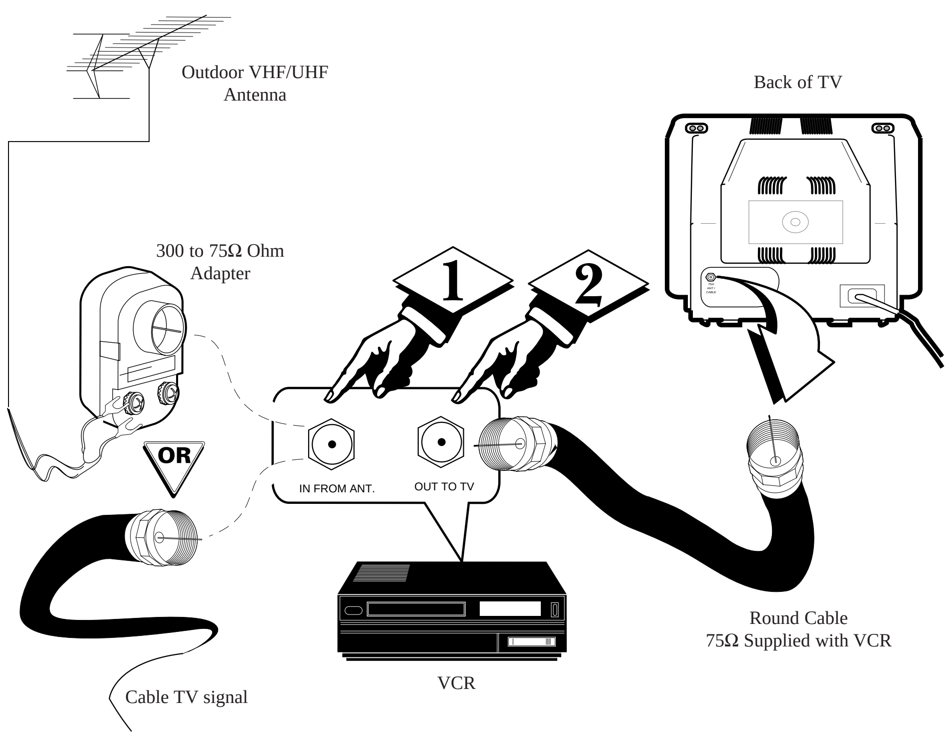
BEGIN

1 **Connect your Antenna or Cable TV signal to the IN FROM ANT(enna)** plug on the VCR.

2 **Connect the OUT TO TV plug on the VCR to the ANTENNA** plug on the TV (connecting cable supplied with the VCR).

3 **Refer to the Owner's Manual** included with your VCR for other possible connections and TV/VCR operating details.

STOP



TELEVISION

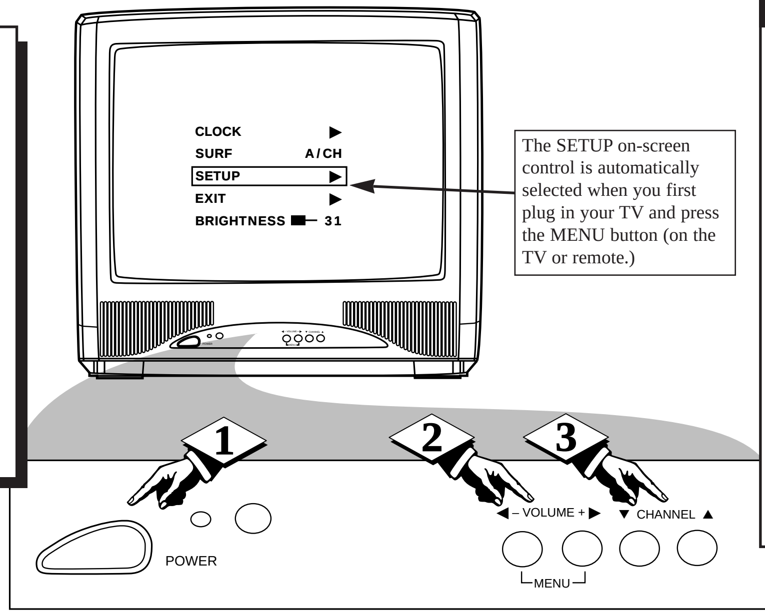
BEGIN

1 **Press the POWER button** to turn the TV ON.

2 **Press the VOLUME UP (+) or DOWN (-)** button to adjust the sound level.

3 **Press the CHANNEL UP (▲) or DOWN (▼)** button to select TV channels.

STOP



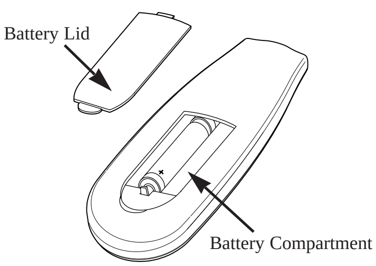
SMART HELP

Remember, you can press any button on the front of the TV to turn the TV ON. The tuned channel number will always briefly appear when the TV is first turned ON (and with channel changes). You can also press the STATUS button (on the remote) to see what channel the TV is ON.

REMOTE

To load the supplied batteries into the remote:

1. **Remove the battery compartment lid** on the back of the remote.
2. **Place the batteries (2-AAA) in the remote.** Be sure the (+) and (-) ends of the batteries line up correctly (inside of case is marked.)
3. **Reattach the battery lid.**



BEGIN

1 **Point the remote** control toward the remote sensor window on the front of the TV when operating the TV with the remote.

STOP

Channel Scan Button
Press to scan up or down through channel numbers. (Also can be used with the MENU button to select on-screen controls. With the Menu displayed, press Channel (+) or (-) buttons to scroll through the list of controls.)

Status/Exit Button
Press to see the current channel number on the TV screen. Also press this button to clear the TV screen after control adjustments.

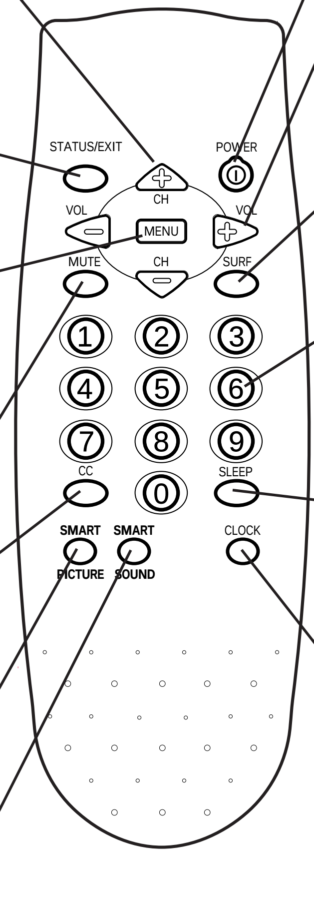
Menu Buttons
Press the MENU button to show on-screen controls. Press Channel (+) or (–) buttons to move through the list of controls. Press the Volume (+) or (–) buttons to adjust the MENU controls.

Mute Button
Press to turn the TV sound OFF. Press again to return the sound to its previous level.

CC Button
Press to select the Closed Captioning mode. Choose either CC-MUTE, CAPTION 1 (CC-1), CAPTION 2 (CC-2), or OFF (CC-OFF).

Smart Picture Button
Press to select factory preset video levels on a variety of program sources. (See page 12.)

Smart Sound Button
Press to control TV sound levels during program changes or commercial breaks. (See page 13.)



Power Button
Press to turn TV ON and OFF.

Volume (–) and (+) Buttons
Press to adjust the TV sound level. When used with the MENU button, press to adjust the selected on-screen (MENU) feature controls.

Surf Button
Press to toggle between current and previously viewed channel or have up to 8 channels in a "Surf Ring."

Number Buttons
Press two number buttons to select TV channels. For example: to select channel 6... press "0" first; then "6".

Sleep Button
Press to set the TV to automatically turn itself OFF. See page 11, SLEEP-TIMER control for details.

Clock Button
Press to set the TV's on-screen clock and timer functions. (See page 9.)

SETUP MENU

AUTOMATIC SETTINGS

First Time Setup takes care of some basic TV control settings for you. Follow the steps in this section to quickly add area channel numbers into the TV's memory, set the Language, and the TV for Antenna or Cable signal.

BEGIN

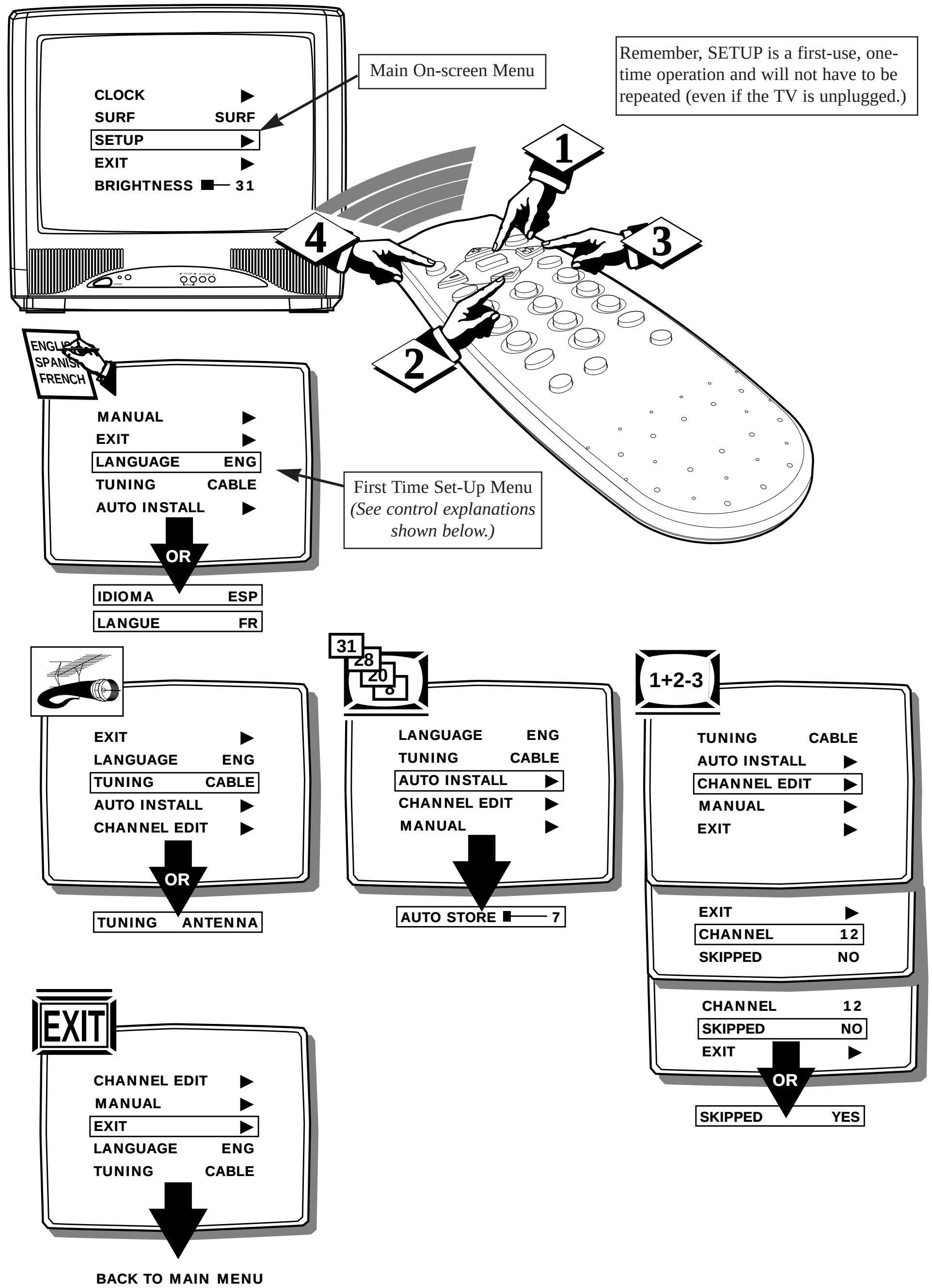
1. **Press MENU button** on the remote. An on-screen list of features appears on the TV screen.

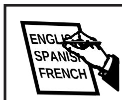
2. **Press the CH (+) or (–) buttons** on the remote to scroll the on-screen menu until the word **SETUP** appears within the highlight box.

3. **Press the VOL (+) button to select** the **SETUP** on-screen menu. **Then press the CH (+) or (–)** buttons to scroll the **SETUP** options. **Next press the VOL (+) or (–)** buttons as directed to use the desired menu items.

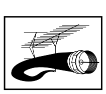
4. **Press the STATUS/EXIT button** on the remote to clear the screen after an adjustment. You can also use the "EXIT" option in the SETUP screen and press the VOL (+) button to bring you back to the main on-screen menu.
You can also just wait and after a minute the MENU will drop automatically from the screen.

STOP

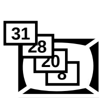




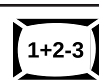
LANGUAGE - The Language feature allows the user to change the on-screen menu text to ENG (English), ESP (Spanish), or FR (French). Note, this will not change the text within features such as Closed Captioning.



TUNING - This feature sets the TV in the proper signal mode. If you have a signal coming from a Cable TV company or Cable Box; select CABLE from the menu. If you are using an indoor or outdoor antenna, select ANTENNA from the menu.



AUTO INSTALL - After correctly setting the TUNING mode, AUTO INSTALL will read all the available channels and store them into the TV's memory. This will allow you to use the CHANNEL (+) or (-) buttons to scan through the channels you have available.



CHANNEL EDIT - Allows you to add or delete channels manually. Enter the channel you want to skip. Then set the SKIPPED feature to YES or NO. (If YES is selected, the channel will not appear within the CH (+) or (-) ring. If NO is selected, the channel will appear when you scan channels in the TV's memory.)



EXIT - When the EXIT option is selected, the main menu will return to the screen.

CLOSED CAPTIONING

Closed Captioning allows you to read the voice content of television programs on the TV screen. Designed to help the hearing impaired, this feature uses on-screen "text boxes" to show dialogue and conversations while the TV program is in progress.
Note: *Broadcast stations will often use spelling abbreviations, symbols, dropouts and other grammatical shortcuts in order to keep pace with the on-screen action. These type factors vary upon the source of the captioned text material and do not indicate a need for service on the part of the TV.*

BEGIN

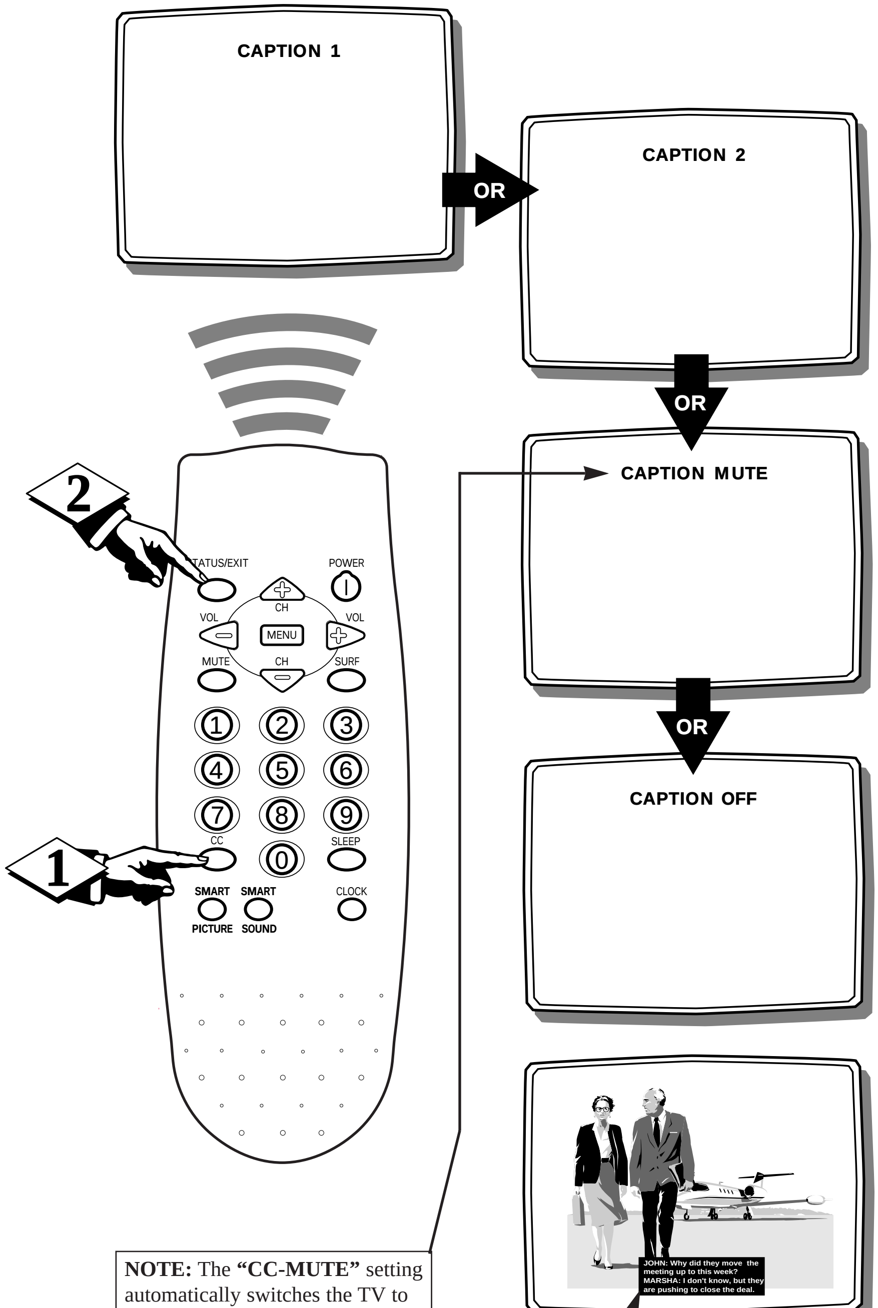
1 **Press the CC button** on the remote control repeatedly to select the Closed Captioning mode you desire **(CAPTION 1, CAPTION 2, CAPTION MUTE, and CAPTION OFF).**

Note: Usually **"Caption 1"** is the most used mode to view captioned material.

2 **Press the STATUS button** after making your Caption mode selection. The TV display will clear and Captioning material (if available on the currently selected TV program) will appear on the TV screen.

To cancel**,** set the CAPTION feature to **CAPTION OFF** when finished viewing.

STOP



NOTE: The **"CC-MUTE"** setting automatically switches the TV to the CC-1 mode whenever the MUTE button (on the remote control) is pressed. The CC-1 mode will turn OFF when the TV sound is returned or unmuted.

Caption 1 or Caption 2 mode: dialogue (and descriptions) for the action on the captioned TV program shows on-screen. (See Smart Help on this page.)

SMART HELP

Remember, not all TV programs and product commercials are made for broadcast with Closed Caption (CC) information included. Neither are all Closed Caption modes (CAPTION 1 or CAPTION 2) necessarily being used by a broadcast station during the transmission of a closed caption program. Refer to your area's TV program listings for the stations and times of Closed Caption shows.

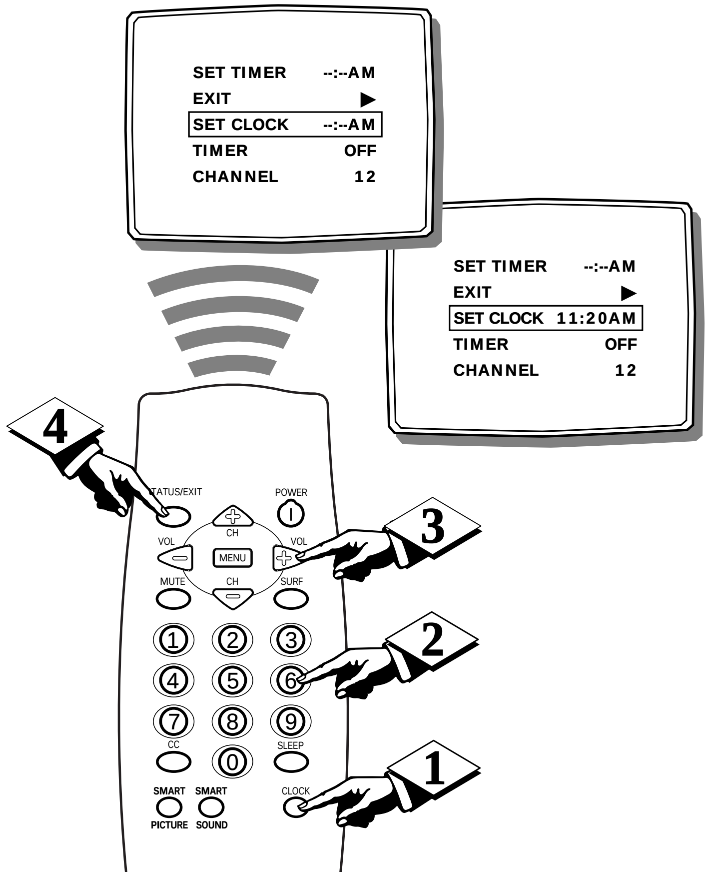
SETTING THE TV CLOCK

Your TV comes with an on-screen clock. During normal operation the clock appears on the screen with every channel change. This Clock also features a TIMER. The TV can be programmed to turn itself ON at a specific time and be tuned to a specific channel.

BEGIN

1. **Press the CLOCK button** on the remote control to bring up the on-screen menu with the SET CLOCK feature highlighted.
2. **Press the Channel Number buttons** to enter the current time. (Example: 0, 7, 4, 5 for 7:45.)
3. **Press the VOL (+) button** to set for AM or PM.
4. **Press the STATUS/EXIT button** to clear the screen when you have finished.

STOP

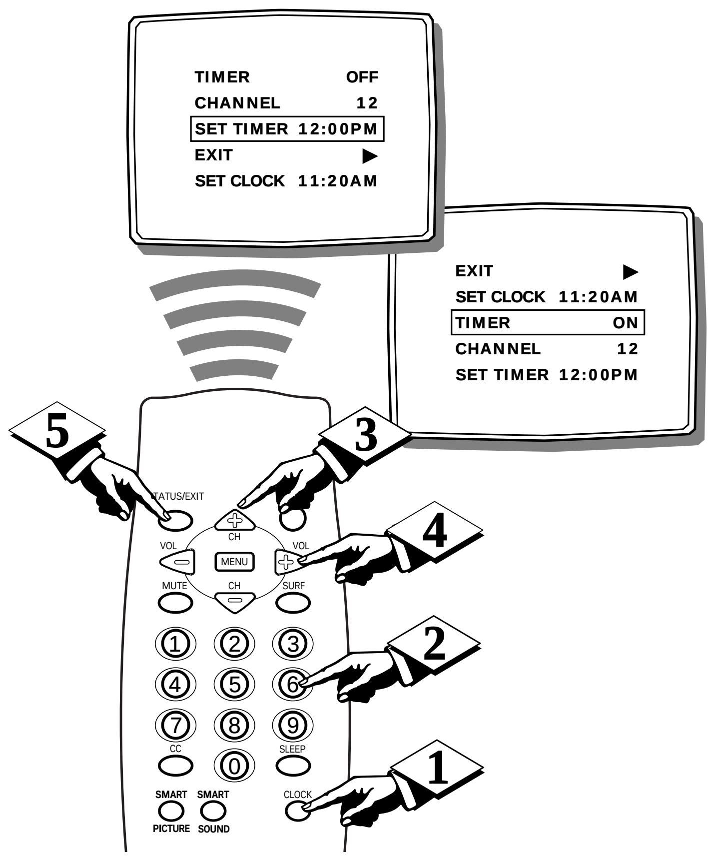


SETTING THE TV TIMER

BEGIN

1. **Press the CLOCK button** on the remote control to bring up the on-screen menu, then press the CH (+) or (-) buttons to scroll the on-screen menu until the words **SET TIMER** appear within the highlight box.
2. **Press the CHANNEL Number buttons** to enter the time you want the TV to turn on (Use the VOL (+) to set the AM or PM).
3. **Press the CH (+) or (-) button** to scroll the menu to the word TIMER.
4. **Press the VOL (+) or (-) button** to turn the TIMER feature ON.
5. **Press the STATUS/EXIT button** to clear the screen when you have finished.

STOP



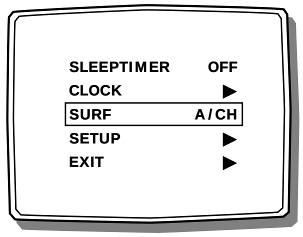
How to Use the Surf Control

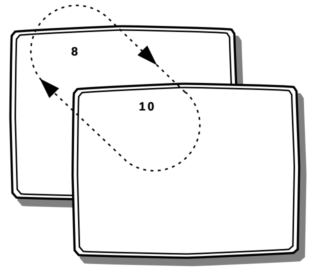
A "list" or series of previously viewed channels can be selected with the SURF button on your remote control. With this feature you can easily switch between different TV programs that currently interest you. The Surf control allows you to set up to 8 channels in its quick viewing "list".

BEGIN

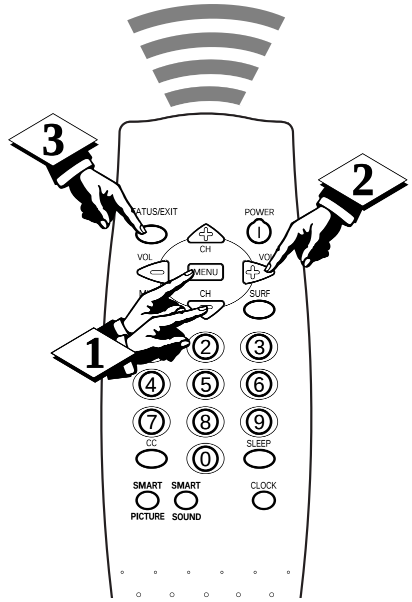
1. **Press the MENU (M) button** on the remote, then press the CHANNEL ▲ or ▼ buttons to select the word SURF with the TV's on-screen arrow.
2. **Press the (+) button** to select either **A/CH (Alternate Channel)** or **SURF**. (See explanation of Surf options with the illustration on this page.)
3. **Press STATUS** button to clear the screen.

STOP





With A/CH selected, pressing the SURF button will toggle between the current and one previous channel



Smart Help

To Use A/CH (Alternate Channel):

With the A/CH control ON, select the two desired channels for viewing with the number buttons on the remote control.

Press the SURF button on the remote to "toggle" between the two selected channels.

When using SURF:

Remember, you can add as many as eight channels in the Smart Surf Memory.

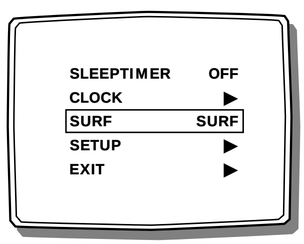
How To Use SURF

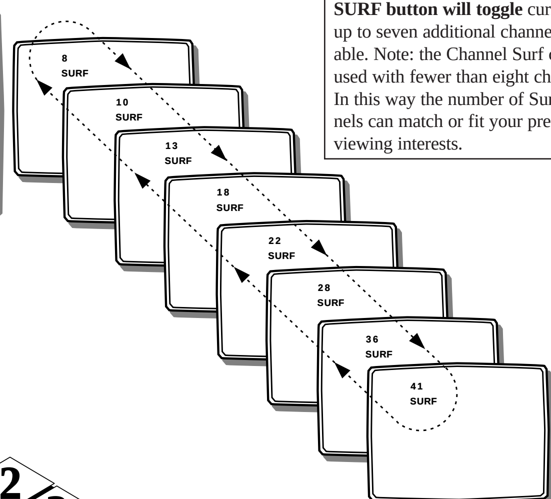
BEGIN

1. **With the SURF control ON** (see above), select a desired channel for viewing. You can use the number buttons on the remote (or the Channel ▲ or ▼ buttons).
2. **Press the SURF button** on the remote while the channel display is still present on the TV's screen.
3. **Press the SURF button** on the remote to quickly review current action on channels contained within the Surf list.

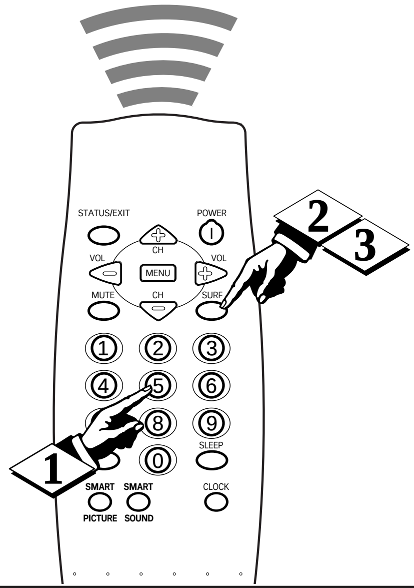
Repeat steps above to add up to eight channels in the SURF channel memory ring.

STOP





With SURF selected, pressing the SURF button will toggle current and up to seven additional channels available. Note: the Channel Surf can be used with fewer than eight channels. In this way the number of Surf channels can match or fit your present viewing interests.



Note: There are two methods to delete channels from the 8-channel SURF control ring:

To remove all channels from the SURF memory (with the exception of one channel which will be left within the SURF list):

- Select the SETUP control in the on-screen menu and press the VOL (+) button. Select the TUNING control and press the VOL (+) button twice changing CABLE to ANTENNA; then back to CABLE (or ANTENNA to CABLE; then back to ANTENNA).
- **Or,** with the SURF control selected press the VOL (+) button twice changing SURF to A/CH; then back to SURF.

How to Use the Sleep Timer Control

Sleeptimer

Have you ever fallen asleep in front of the TV only to have it wake you up at two in the morning with a test pattern screeching in your ears? Well, your TV can save you all that trouble by automatically turning itself off.

BEGIN

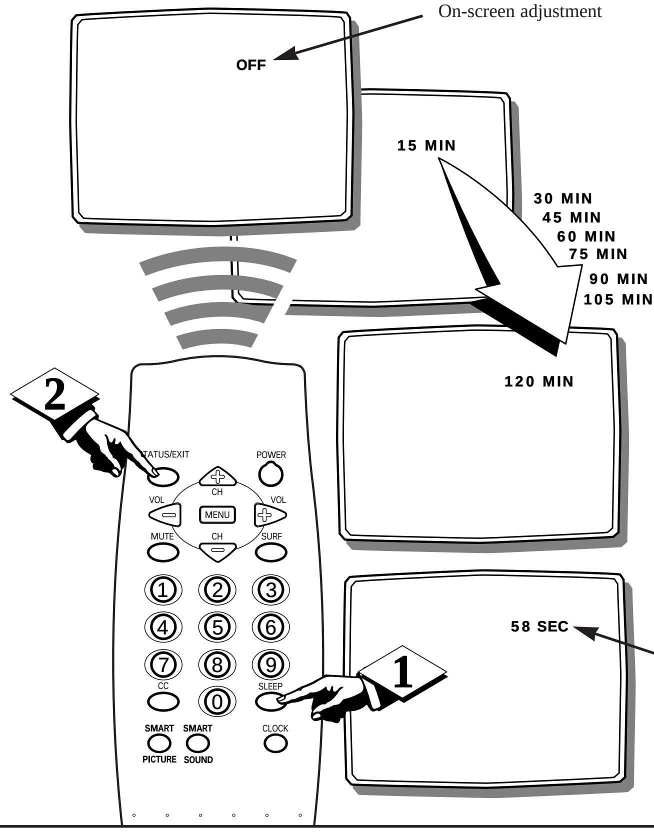
1. **Press the SLEEP button repeatedly** to pick the amount of time (15 minutes to 2 hours ahead) before the TV will turn itself off.

The VOL (+) or (-) buttons can also be used to set the amount of time within the on-screen menu.

2. **Press the STATUS/EXIT** button to clear the screen after you have set the time for the TV to turn off.

An on-screen count down will appear during the last minute before the TV shuts itself off.

STOP



An on-screen count down will appear during the last minute of a SLEEP TIMER setting.

Smart Help

Remember. If you ever want to see how many minutes are left before the TV shuts itself off, press the STATUS button on the remote.

If you want to stop a SLEEP TIMER setting, reset the timer back to OFF. You could also turn the TV off, and then back on again, to cancel a setting.

Pressing any key on the remote or TV in the last 60 seconds will cancel the SLEEP TIMER setting.

How to Use the Picture Adjustment Controls

To adjust your TV picture controls, select a channel and follow the steps shown below:

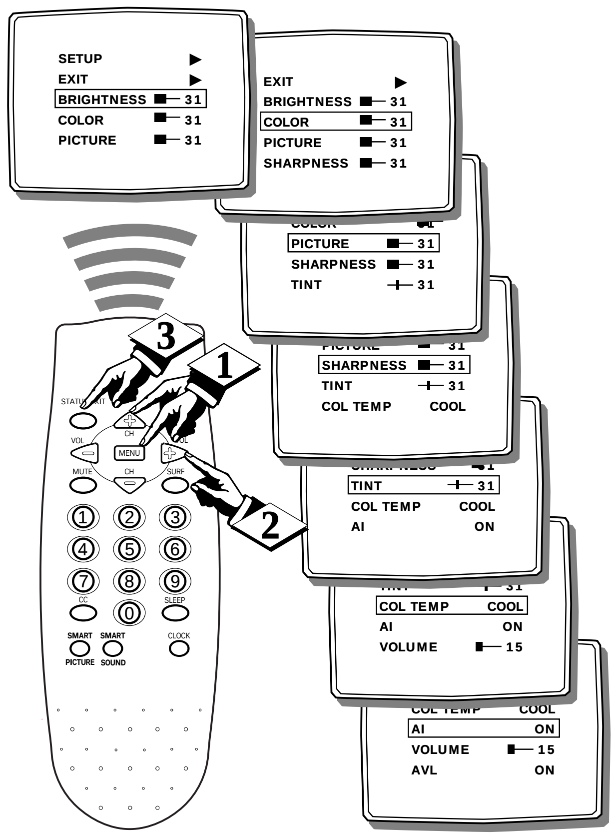
BEGIN

1. **Press the MENU button** on the remote, then press the CH (+) or (–) to scroll the on-screen menu until the desired control appears within the highlight box.

2. **Press the VOL (+) or (-)** to adjust the selected picture control levels. (Refer to the Smart Help box for more detail on each control.)

3. **Press STATUS/EXIT button** (or use the EXIT control in the Menu) to clear the screen when picture adjustments are completed.

STOP



Smart Help

BRIGHTNESS
Press VOL (-) or (+) until darkest parts of the picture are as bright as you prefer.

PICTURE **Press VOL (-) or (+)** until lightest parts of the picture show good detail.

COLOR **Press VOL (-) or (+)** to add or eliminate color.

TINT **Press VOL (-) or (+)** to obtain natural skin tones.

SHARPNESS **Press VOL (-) or (+)** to improve detail in the picture.

COLOR TEMP **Press VOL (-) or (+)** to select NORMAL, COOL, or WARM picture preferences. (NORMAL will keep the whites, white; COOL will make the whites, bluish; and WARM will make the whites, reddish.)

AI (Artificial Intelligence)
Press the VOL (-) or (+) to turn AI ON or OFF. When ON, AI increases the picture's contrast making the dark areas more black and the light areas more white. This is especially good for dark scenes or programs.

Whether you're watching a movie or a video game your TV has automatic video control settings matched for your current program source or content. The Smart Picture feature quickly resets your TV's video controls for a number of different types of programs and viewing conditions you may have in your home. Each Smart Picture setting is preset at the factory to automatically adjust the TV's Picture, Color, and Sharpness viewing control levels.

BEGIN

1 **Press the Smart Picture button** on the remote to activate the **SMART PICT** feature.

2 **Press the Smart Picture button repeatedly** to select between 5 different picture presets: Personal, Movies, Sports, Weak Signal, or Video Games.

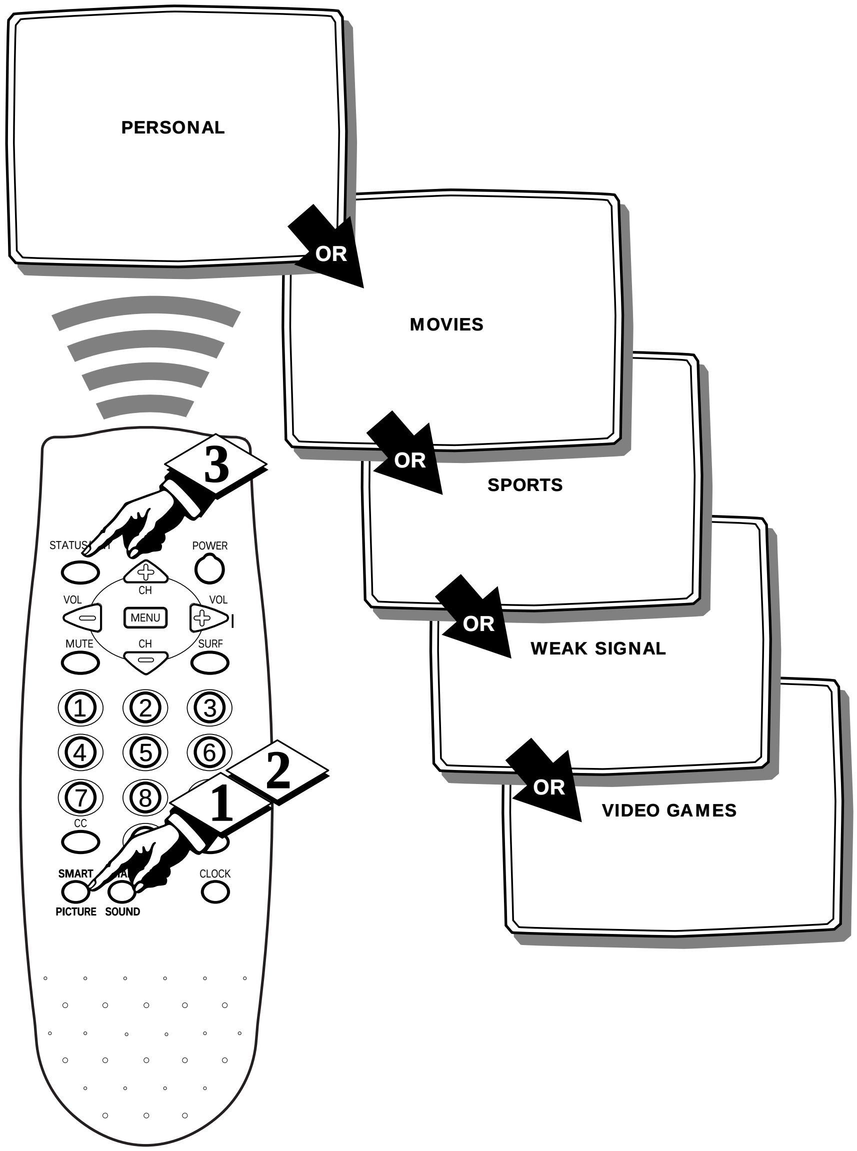
3 **Press the STATUS/EXIT button** to clear the screen when finished with your selection.

STOP

Smart Help

Remember, the video control settings for the Smart Picture categories are memorized into the TV at the factory and can only be reset by field and service technicians.

With the PERSONAL setting chosen, any adjustments made to the picture controls will be held in the TV's memory.



Are you tired of the sound of commercials following you into the next room or all through the house? Smart Sound allows you to preset a desired volume level that the TV sound will not go above. This makes for an even, more consistent sound by reducing the peaks and valleys that can occur during program changes or commercial breaks.

BEGIN

1. **Press the Smart button** on the remote to activate the **SMART SND** feature.

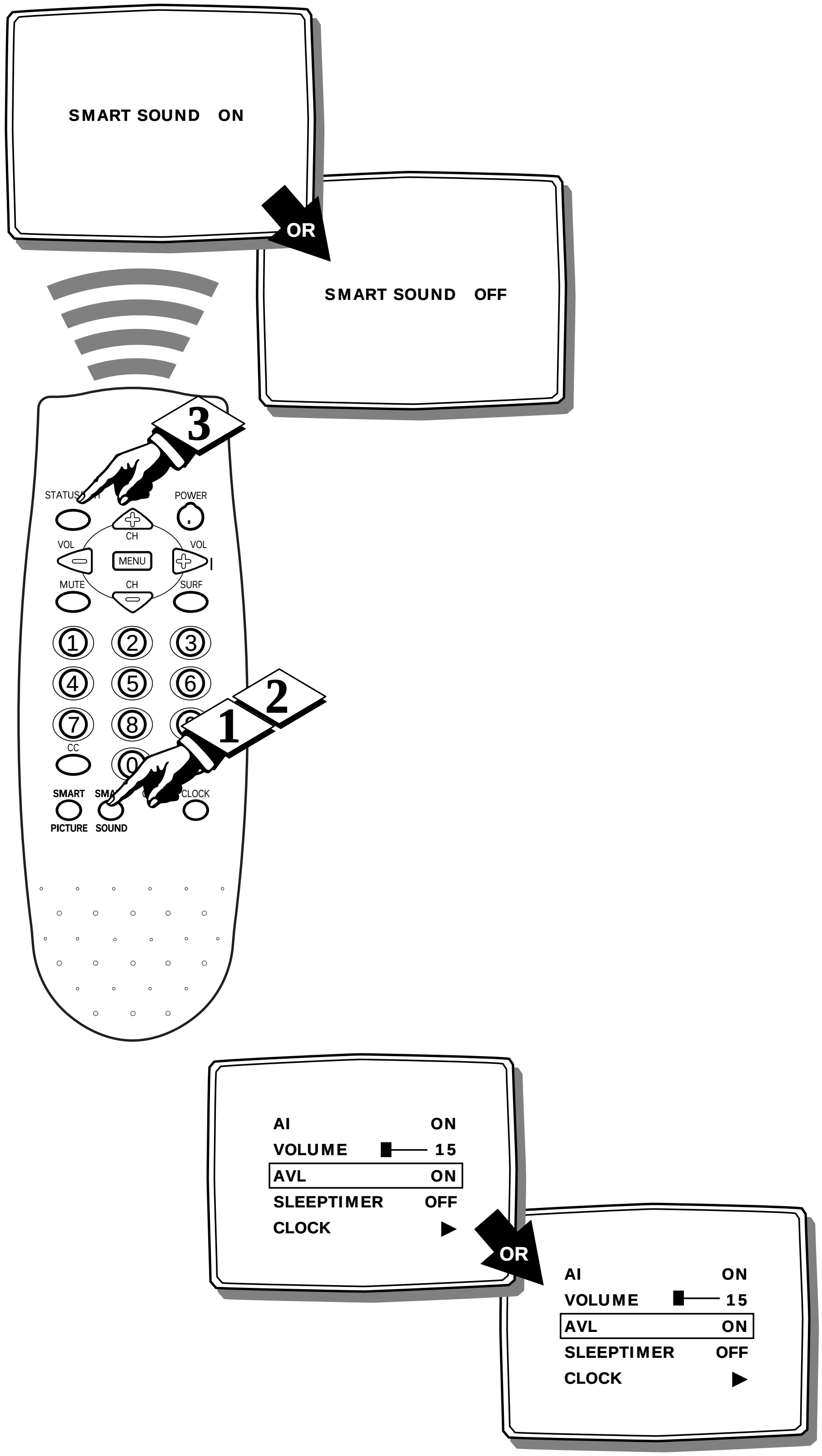
2. **Press the Smart Sound button** repeatedly to toggle the **SMART SOUND** control **ON** or **OFF.**

3. **Press the STATUS/EXIT** button to clear the screen when completed.

STOP

Smart Help

Remember, Smart Sound works only with the programs coming through the Antenna/Cable input on the rear of the TV (RF audio). It will not control the sound levels for the Auxiliary (VCR/AUX IN) audio inputs.



Please note that SMART SOUND is the same feature as AVL within the on-screen menu system. When Smart Sound is changed the AVL control will also change (and vice versa).

How to Use the Volume Controls

Volume Control

Use the Volume control to set the TV's volume level on the TV screen. The Volume level or scale will be seen each time the VOLUME buttons (on the TV or remote) are pressed. (0 being the lowest, 63 being the highest.)

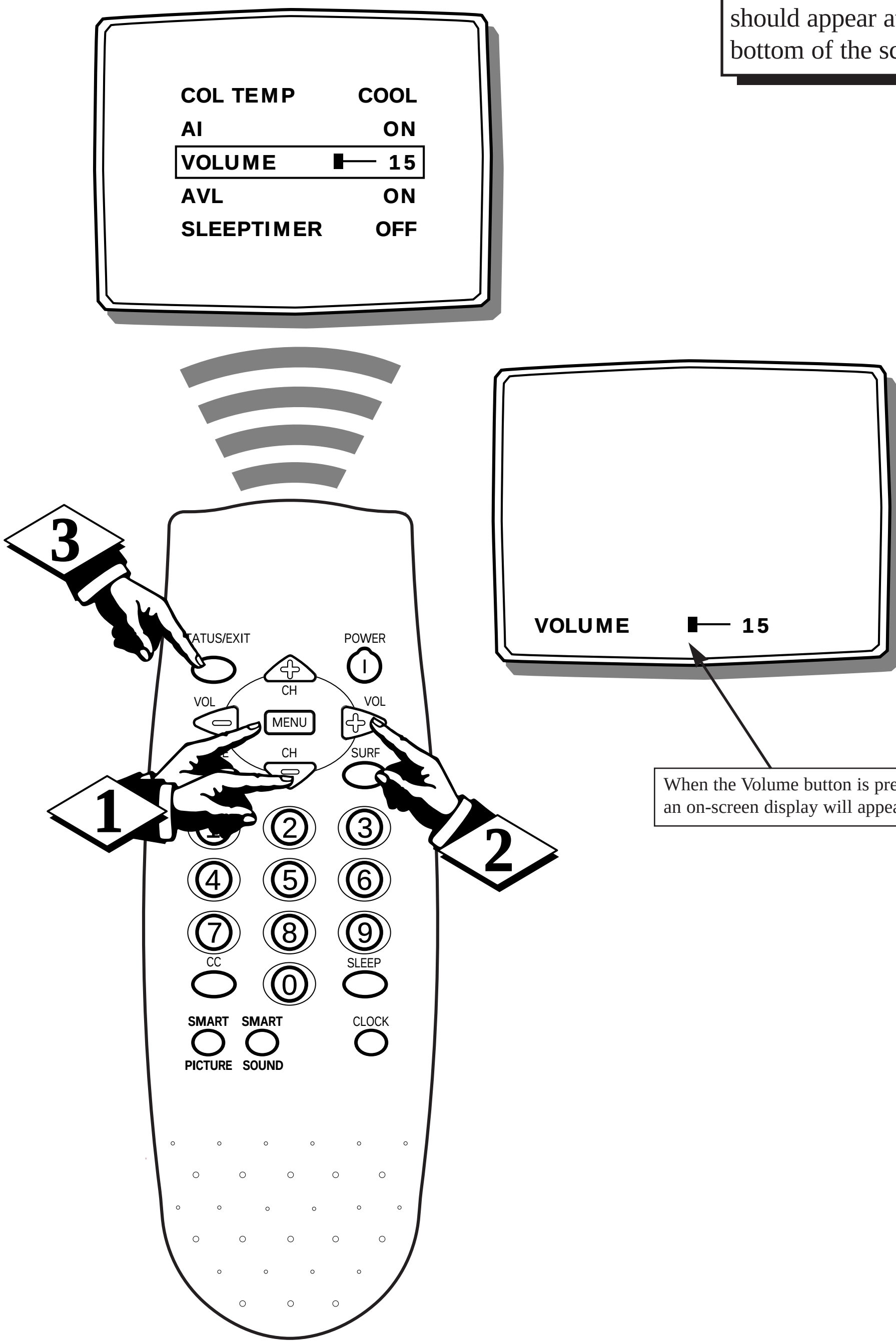
BEGIN

1. **Press the MENU button** on the remote, then press the CH (+) or (–) to scroll the on-screen menu until the word **VOLUME** appears within the highlight box.

2. **Press the VOL (+) or (-) buttons** to adjust the volume level.

3. **Press STATUS/EXIT button** to clear the screen.

STOP



When the Volume button is pressed an on-screen display will appear.

Smart Help

Try it out.
Press the VOL (+) or (–) buttons. The VOLUME indicator should appear at the bottom of the screen.

Please make these simple checks before calling for service. These tips can save you time and money since charges for TV installation and adjustment of customer controls are not covered under your warranty.

CAUTION: A video source (such as a video game, Compact Disc Interactive - CDI, or TV information channel) which shows a constant non-moving pattern on the TV screen, can cause picture tube damage. When your TV is continuously used with such a source the pattern of the non-moving portion of the game (CDI, etc.) could leave an image permanently on the picture tube. When not in use, turn the video source OFF. Regularly alternate the use of such video sources with normal TV viewing.

No Power

- Check the TV power cord. Unplug the TV, wait 10 seconds, then reinsert plug into outlet and push POWER button again.
- Check to be sure outlet is not on a wall switch.

No Picture

- Check antenna connections. Are they properly secured to the TV's ANT/CABLE plug ?
- Check the TUNING ANTENNA/CABLE control for correct position.
- Check INPUT control for correct position. The EXT 1 position with out a signal source will result in a blank screen.

No Sound

- Check the VOLUME buttons.
- Check VOLUME LIMIT control.
- Check the MUTE button on the remote control.
- If attempting auxiliary equipment hook-ups, check audio jack connections.

Remote Does Not Work

- Check batteries. Replace with AAA Heavy Duty (Zinc Chloride) or Alkaline batteries if necessary.
- Clean the remote and the remote sensor window on the TV.
- Check the TV power cord. Unplug the TV, wait 10 seconds, then reinsert plug into outlet and push POWER button again.
- Check to be sure TV outlet is not on a wall switch.

TV Displays Wrong Channel or No Channels Above 13

- Repeat channel selection.
- Add desired channel numbers (CHANNEL EDIT control) into TV memory.
- Check TUNING ANTENNA/CABLE control for correct position.

This TV is equipped with protective circuitry that shuts the TV off in case of moderate power surges. Should this occur turn the TV back on by pressing the POWER button once or twice, or unplug (wait 10 seconds) and then replug the power cord at the AC outlet. This feature is NOT designed to prevent damage due to high power surges such as those caused by lightning, which is not covered by your warranty.

Cleaning and Care

- To avoid possible shock hazard be sure the TV is unplugged from the electrical outlet before cleaning.
- When cleaning the TV screen take care not to scratch or damage the screen surface (avoid wearing jewelry or using anything abrasive). Wipe the front screen with a clean cloth dampened with water. Use even, easy, vertical strokes when cleaning.
- Gently wipe the cabinet surfaces with a clean cloth or sponge dampened in a solution of cool clear water. Use a clean dry cloth to dry the wiped surfaces.
- Occasionally vacuum the ventilation holes or slots in the cabinet back.
- Never use thinners, insecticide sprays, or other chemicals on or near the cabinet, as they might cause permanent marring of the cabinet finish.

Glossary of Terms

Round Cable 75Ω * A single solid antenna wire normally matched with a metal plug (F-type) end connector that screws (or pushes) directly onto a 75 Ohm input found on the Television or VCR. (Also known as Coaxial Cable.)

Closed Caption * Broadcast standard which allows you to read the voice content of television programs on the TV screen. Designed to help the hearing impaired this feature uses on-screen "text boxes" to show dialogue and conversations while the TV program is in progress.

Audio/Video Inputs * Located on the rear of the TV these connectors (RCA phono type plug) are used for the input of audio and video signals. Designed for use with VCRs (or other accessories) in order to receive higher picture resolution and offer sound connection options.

On Screen Displays (OSD) * Refers to the wording or messages generated by the television (or VCR) to help the user with specific feature controls (color adjustment, programming, etc.).

Menu * An on-screen listing of feature controls shown on the Television screen that are made available for user adjustments.

Multichannel Television Sound (MTS) * The broadcast standard that allows for stereo sound to be transmitted with the TV picture.

Programming * The procedure of adding or deleting channel numbers into the Television's memory circuits. In this way the Television "remembers'' only the locally available or desired channel numbers and skips over any unwanted channel numbers.

Remote Sensor Window * A window or opening found on the Television control panel through which infrared remote control command signals are received.

Setup Mode * Automatic feature control settings made by the TV. Designed for first time set-up and use. Settings for signal connections (antenna or cable TV), plus channel program memory are held in the TV's memory (even if the set is unplugged and moved to a new location.)

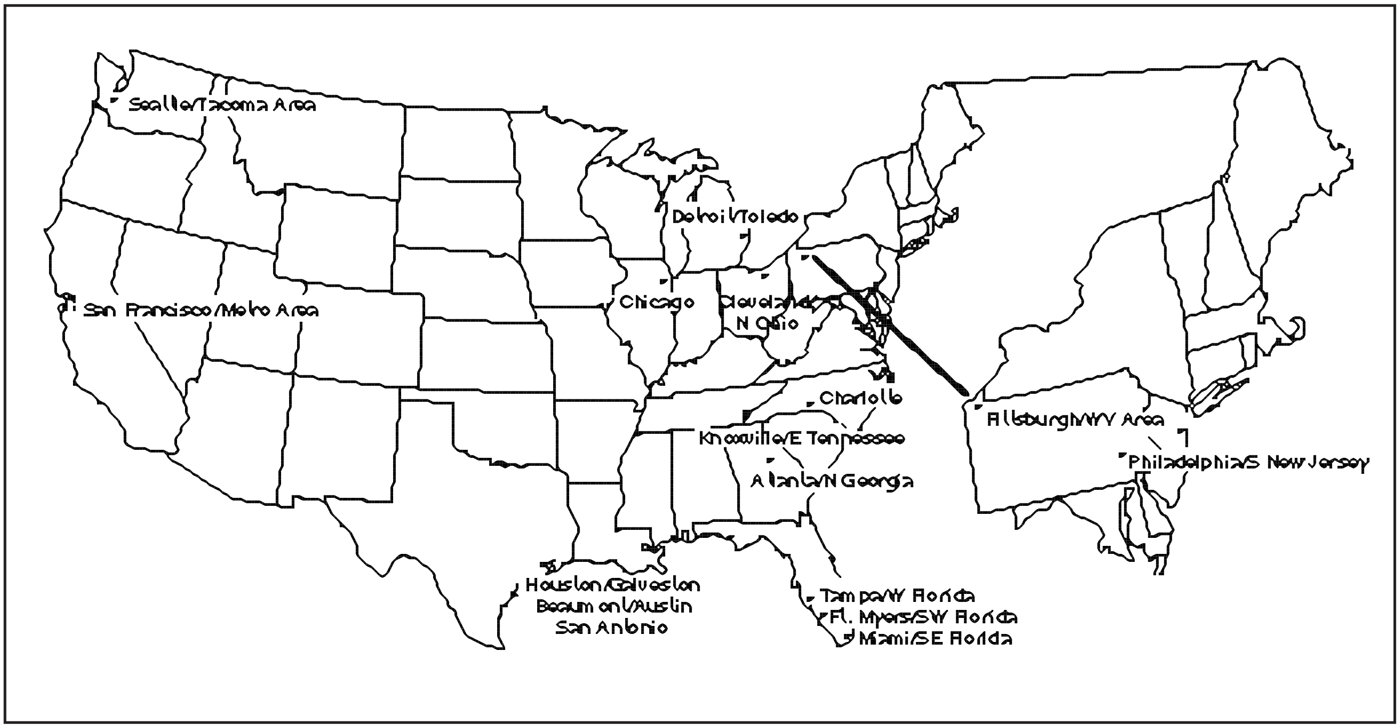
Status/Exit * Allows the user to quickly confirm what channel number is currently being viewed. Status can also be used to clear the Television of on screen displays or information (rather than waiting for the displays to "time out" or automatically disappear from the screen).

Twin Lead Wire * The more commonly used name for the two strand 300 Ohm antenna wire used with many indoor and outdoor antenna systems. In many cases this type of antenna wire requires an additional adapter (or balun) in order to connect to the 75 Ohm Input terminals designed into the more recent Televisions and VCRs.

INDEX

* Information contained in Quick-Use (Q/U) Guide-page listed.

Philips Consumer Electronics Company
Factory Service Center Locations



NOTE: If you reside in one of our Philips Factory Service Branch areas (see directory on back), you can contact the nearest Service Branch to obtain efficient and expedient repair for your product. If your product is In-Warranty, you should have proof-of-purchase to ensure No Charge Service. For Out-of-Warranty service, call the location nearest you.

NOTA: Si vous résidez dans une des régions desservies par une succursale de service après vente du fabricant Philips (voir liste ci-dessous), vous pourrez contacter la branche de service après vente la plus près de chez vous pour obtenir un service après vente rapide et efficace. Si le produit est sous garantie, il suffira de présenter une preuve d`achat pour bénéficier d'un service sans frais. Pour les produits non couverts par la garantie, contactez le centre le plus près de chez vous.

NOTA: Si Ud. reside en una de nuestras zonas para sucursales Philips de servicio al de fábrica (ver directorio más abajo), Ud. puede comunicarse con la sucursal de servicio más cercana para obtener una reparación oportuna y eficaz de su producto. Si su producto está todavía bajo garantía, Ud. debe presentar comprobante de compra para no ocasionar ningunos cargos por servicio. Para servicio después del vencimiento de la garantía, llame al lugar más cercano de los abajo indicados.

In Canada

How you can obtain efficient and expedient carry-in, mail-in, or in-home service for your product
Please contact Philips at 1-800-661-6162 (French speaking)
1-800-363-7278 (English speaking)

Au Canada

Comment obtenir le service après-vente pour les produits apportés ou envoyés par la poste à notre centre de service ou le service à domicile
Veuillez contacter philips á: 1-800-661-6162 (Francophone)
1-800-363-7278

En el Canadá

Cómo recibir servicio efficiente para su producto, en persona, por correo o a domicillo
Favor de comunicarse con Philips al: 1-800-661-6162 (francófono)
1-800-363-7278 (anglófono)

Quality service is as close as your telephone! Simply look over the list below for the number of a Factory Service Center near you. Your product will receive efficient and expedient carry-in, mail-in, or in-home service, and you will receive peace of mind, knowing your product is being given the expert attention of Philips' Factory Service. And, if the phone number listed for your area is long distance, call 1-800-242-9225 for Factory Service.

COMMENT OBTENIR NOTRE SERVICE APRÈS VENTE RAPIDE ET EFFICACE SOIT PAR COURRIER, À DOMICILE, OU EN SE PRÉSENTANT À UN CENTRE DE SERVICE PHILIPS. PLUS DE 600 CENTRES DE RÉCEPTION DE PRODUITS À RÉPARER À TRAVERS LE PAYS: CONTACTER LE CENTRE DE SERVICE AUX CONSOMMATEURS LE PLUS PROCHE POUR SAVOIR L'EMPLACEMENT DE CES DÉPÔTS DANS UN RAYON DE 50 À 75 MILES (80 KM À 120 KM) DU CENTRE DE SERVICE LOCAL.

CÓMO OBTENER UN SERVICIO OPORTUNO Y EFICIENTE POR CORREO, EN CASA O EN PERSONA PARA SU PRODUCTO A TRAVÉS DE UN CENTRO PHILIPS DE SERVICIO. MAS DE 600 SITIOS POR TODO EL PAIS PARA LA RECEPCION DE PRODUCTOS NECESITADOS DE REPARACIONES: COMUNICARSE CON EL CENTRO DE SERVICIO DE FABRICA MAS CERCANO PARA ESTOS LUGARES DENTRO DE UN RADIO DE 80 A 120 KM (50 A 75 MILLAS) DEL CENTRO DE SERVICIO LOCAL.

Atlanta–Athens–Macon–Chattanooga, TN–North Georgia Area
200 North Cobb Parkway
Building 100, Suite 120
Marietta, GA 30062
(770) 795-0085

Charlotte–Winston Salem–Greensboro
520-G Clanton Road
Charlotte, NC 28217
(704) 529-6330

Chicago–Gary Area
1360 W. Hamilton Parkway
Itasca, IL 60143
(630) 775-0990

Cleveland–Akron–Youngstown Area
950 Keynote Circle
Brooklyn Heights, OH 44131
(216) 741-3334

Detroit/Toledo Area
25173 Dequindre
Madison Heights, MI 48071
(810) 544-2110

Knoxville–Greeneville–Tri Cities–East Tennessee Area
6700 D. Papermill Road
Papermill Plaza
Knoxville, TN 37919
(423) 584-6614

Ft. Myers–Naples–Southwest Florida Area
11601 Cleveland Ave., Suite 15
Ft. Myers, FL 33907
(941) 278-4242

Houston–Galveston–Beaumont–Austin–San Antonio Area
1110 North Post Oak Road
Suite 100
Houston, TX 77055
(713) 682-3990

Miami–Southeast Florida Area
2099 W. Atlantic Blvd.
Pompano Beach, FL 33069
(954) 978-0467

Philadelphia/S. New Jersey Area
352 Dunks Ferry Road
Bensalem, PA 19020
(215) 638-7500

Pittsburgh, PA–Steubenville, OH–Wheeling/Morgantown, WV Area
2891 Banksville Road
Pittsburgh, PA 15216
(412) 563-8020

San Francisco–Oakland–San Jose Area
681 East Brokaw Rd.
San Jose, CA 95131
(408) 436-8566

Seattle–Tacoma/Olympia Area
1055 Andover Park East
Tukwila, WA 98188
(206) 575-6288

Tampa–St.Petersburg–Sarasota Area
Center Point Business Park, Building B-1, Suite 100
1911 U.S. Hwy. 301 North
Tampa, FL 33619
(813) 621-8181

LIMITED WARRANTY

COLOR TELEVISION

90 Days Free Labor

One Year Free Replacement of Parts (Two Years Free Replacement on Color Picture Tube)

This product must be carried in for service.

WHO IS COVERED?

You must have proof of purchase to receive warranty service. A sales receipt or other document showing that you purchased the product is considered proof of purchase.

WHAT IS COVERED?

Warranty coverage begins the day you buy your product. *For 90 days thereafter,* all parts will be repaired or replaced free, and labor is free. From 90 days to one year from the day of purchase, all parts will be repaired or replaced free, but you pay for all labor charges. From one to two years from the day of purchase, you pay for the replacement or repair of all parts except the picture tube, and for all labor charges. After two years from the day of purchase, you pay for the replacement or repair of all parts, and for all labor charges.

All parts, including repaired and replaced parts, are covered only for the original warranty period. When the warranty on the product expires, the warranty on all replaced and repaired parts also expires.

WHAT IS EXCLUDED?

Your warranty does not cover:

- labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna systems outside of the product.
- product repair and/or part replacement because of misuse, accident, unauthorized repair or other cause not within the control of Philips Consumer Electronics Company.
- reception problems caused by signal conditions or cable or antenna systems outside the unit.
- a product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
- incidental or consequential damages resulting from the product. (Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This includes, but is not limited to, prerecorded material, whether copyrighted or not copyrighted.)
- a product used for commercial or institutional purposes.

WHERE IS SERVICE AVAILABLE?

Warranty service is available in all countries where the product is officially distributed by Philips Consumer Electronics Company. In countries where Philips Consumer Electronics Company does not distribute the product, the local Philips service organization will attempt to provide service (although there may be a delay if the appropriate spare parts and technical manual(s) are not readily available).

MAKE SURE YOU KEEP...

Please keep your sales receipt or other document showing proof of purchase. Attach it to this owner's manual and keep both nearby. Also keep the original box and packing material in case you need to return your product.

BEFORE REQUESTING SERVICE...

Please check your owner's manual before requesting service. Adjustments of the controls discussed there may save you a service call.

TO GET WARRANTY SERVICE IN U.S.A., PUERTO RICO OR U.S. VIRGIN ISLANDS...

Contact a Philips factory service center (see enclosed list) or authorized service center to arrange repair.

(In U.S.A., Puerto Rico and U.S. Virgin Islands, all implied warranties, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the duration of this express warranty. But, because some states do not allow limitations on how long an implied warranty may last, this limitation may not apply to you.)

TO GET WARRANTY SERVICE IN CANADA...

Please contact Philips at:

1-800-661-6162 (French Speaking)
1-800-363-7278 (English Speaking)

(In Canada, this warranty is given in lieu of all other warranties. No other warranties are expressed or implied, including any implied warranties of merchantability or fitness for a particular purpose. Philips is not liable under any circumstances for any direct, indirect, special, incidental or consequential damages, howsoever incurred, even if notified of the possibility of such damages.)

REMEMBER...

Please record the model and serial numbers found on the product below. Also, please fill out and mail your warranty registration card promptly. It will be easier for us to notify you if necessary.

MODEL # ______________________________

SERIAL # ______________________________

This warranty gives you specific legal rights. You may have other rights which vary from state/province to state/province.

Philips Service Company, P.O. Box 555, Jefferson City, Tennessee 37760, (423) 475-8869